

***Abstract of the Disclosure***

A system and method of electrically connecting direct current components of photovoltaic system that is mounted on a structure, which includes an alternating current electrical system. The direct current components of the photovoltaic system include a photovoltaic module that has a frame, a photovoltaic module positive node, and a photovoltaic module negative node. The method includes coupling a plug connector to the photovoltaic module, which includes electrically coupling a first wire to the photovoltaic module positive node, electrically coupling a second wire to the photovoltaic module negative node, and electrically coupling a ground wire to the frame of the photovoltaic module.